

List of Plants

ALPHA-GUAIENE

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*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Plant Part	Low PPM	High PPM	StdDev	*Reference
Aralia cordata	Stem	--	2.0		*
Arctium lappa	Root	--	--		Jim Duke's personal files.
Artemisia herba-alba	Plant	--	--		*
Artemisia annua	Plant	15.0	1880.0	-1.0	*
Boswellia sacra	Essential Oil	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus globulus	Fruit Essent. Oil	--	31500.0	1.0	*
Humulus lupulus	Fruit	--	16.0		*
Hyptis suaveolens	Shoot	--	6.0	0.37	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
Hyptis suaveolens	Shoot	--	6.0	0.37	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
Laurus nobilis	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Laurus nobilis	Leaf Essent. Oil	--	--		*
Micromeria fruticosa	Leaf	--	1.0		Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Ocimum basilicum	Plant	--	--		*
Ocimum basilicum	Shoot Essent. Oil	--	1300.0		*
Origanum syriacum	Shoot	--	--	-1.3	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum syriacum	Shoot	--	6.0	0.37	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum syriacum	Shoot	--	--	-1.3	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Panax ginseng	Root	--	--		*
Panax ginseng	Root Essent. Oil	--	40000.0	1.0	*
Panax ginseng	Flower Essent. Oil	--	55000.0		*
Pelargonium citrosum	Shoot	--	10.0	1.49	Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant 'Pelargonium citrosum' as a Repellent Against Populations of Aedes Mosquitoes. J. Am. Mosq. Contr. Assoc. 12(1):69-74.
Piper nigrum	Fruit Essent. Oil	--	1100.0	-1.0	*
Piper nigrum	Fruit	--	--		*
Pogostemon cablin	Plant	1261.0	5460.0	1.0	*
Ptychopetalum	Root	--	6000.0	-1.0	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil.

